

SEMINAIRE CNRM / GAME

N° 2013_14

mardi 18 juin 2013 à 14h

WIND VELOCITY RADAR NEPHOSCOPE

par **Anthony ILLINGWORTH**

en salle Joël Noilhan

Résumé :

WIVERN - A Wind VELOCITY Radar Nephoscope - is a proposed satellite to provide global profiles of winds, clouds and precipitation with 50km horizontal and 1km vertical resolution and daily visits poleward of 50degrees. It comprises a conically scanning 94GHz Doppler cloud radar and should derive line of sight winds with an accuracy of 1 to 2 m/s down to 1km above the earth's surface.